

## Abstract

The present invention relates to an electrochemical sensor for determining a gas concentration of a measuring gas using a sensor element that has at least one electrode (50) situated on an ion-conducting solid electrolyte body, an electrode lead (51) leading to the electrode. The electrode lead (51) is made of a material possessing no ionic conductivity or an ionic conductivity that is significantly less in comparison with the material of the electrode (50), and/or having a low resistance.

(Figure 3)

